AUTODOC CLUB

How to change spark plugs on **AUDI A3 Sportback (8VA, 8VF)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A3 Sportback (8VA, 8VF) 1.4 TFSI, AUDI A3 Sportback (8VA, 8VF) 1.2 TFSI, AUDI A3 Sportback (8VA, 8VF) 1.4 TFSI g-tron, AUDI A3 Sportback (8VA, 8VF) 1.4 TSI, AUDI A3 Sportback (8VA, 8VF) 1.4 TFSI e-tron

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The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Golf VII Hatchback (5G1, BQ1, BE1, BE2) 1.8 TSI

REPLACEMENT: SPARK PLUGS – AUDI A3 SPORTBACK (8VA, 8VF). LIST OF THE TOOLS YOU'LL NEED:



- Electronic spray
- High-temperature anti-seize lubricant
- Torque wrench
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Fender cover

Replacement: spark plugs – AUDI A3 Sportback (8VA, 8VF). Tip from AUTODOC:

- The replacement procedure is the same for all spark plugs.
- Please note: all work on the car – AUDI A3 Sportback (8VA, 8VF) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

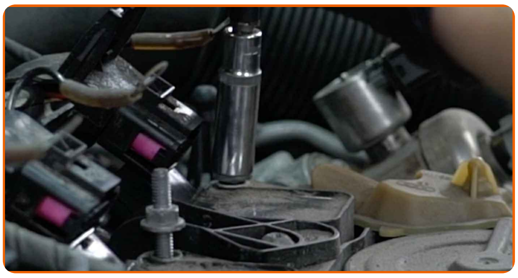
3 Unscrew the fasteners and disconnect the ground wires from the ignition coils. Use a drive socket #10. Use a ratchet wrench.



4 Unplug the connectors from the ignition coils.



5 Unscrew the fasteners of the ignition coils. Use a drive socket #10. Use a ratchet wrench.



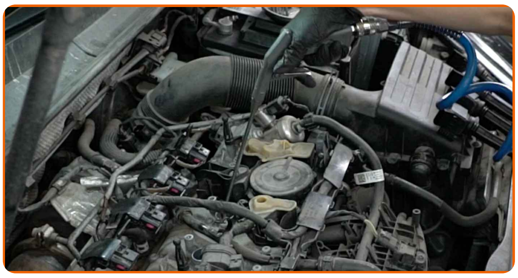
6 Remove the fastening bolts.



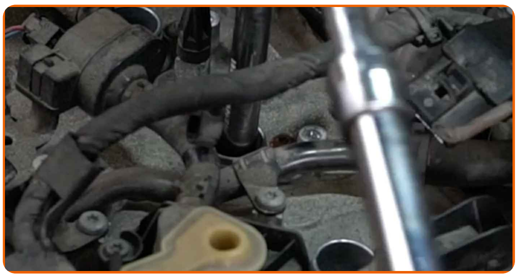
7 Take out the ignition coils from the spark plug wells.



8 Clean dirt, dust and debris from inside the spark plug wells.



9 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



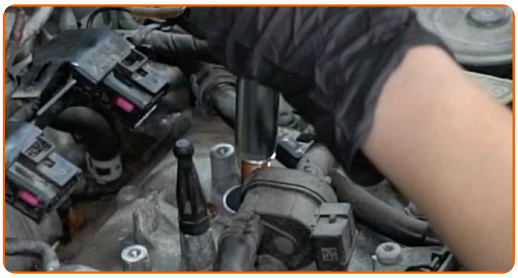
10 Take out the spark plugs.



11 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



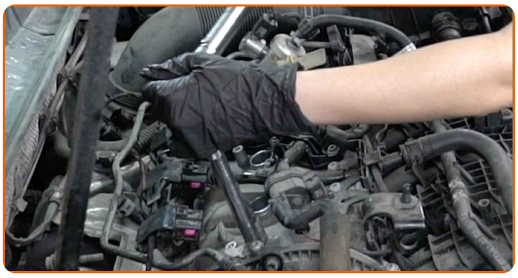
12 Install the new spark plugs into their mounting seats.



Replacement: spark plugs – AUDI A3 Sportback (8VA, 8VF). AUTODOC experts recommend:

- Lower the spark plugs into the wells carefully, making sure not to damage the electrode gap.

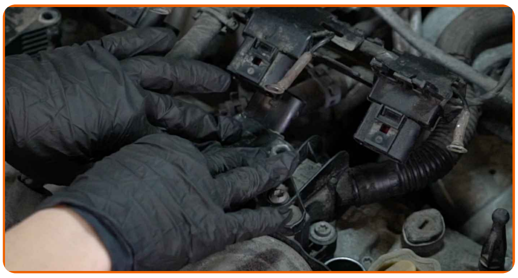
13 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 28 nm torque.



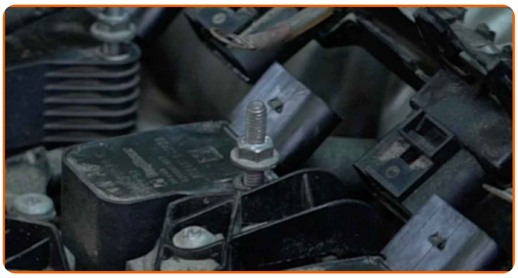
Replacement: spark plugs – AUDI A3 Sportback (8VA, 8VF). AUTODOC recommends:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

14 Install the ignition coils to the spark plug wells.



15 Install the fastening bolts.



16 Tighten the fasteners of the ignition coils. Use a drive socket #10. Use a ratchet wrench.



17 Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



18 Plug in the connectors of the ignition coils.



19 Connect the ground wires to the ignition coils and screw in the fasteners. Use a drive socket #10. Use a ratchet wrench.



20 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

21 Shut off the engine.

22 Remove the fender protection cover.

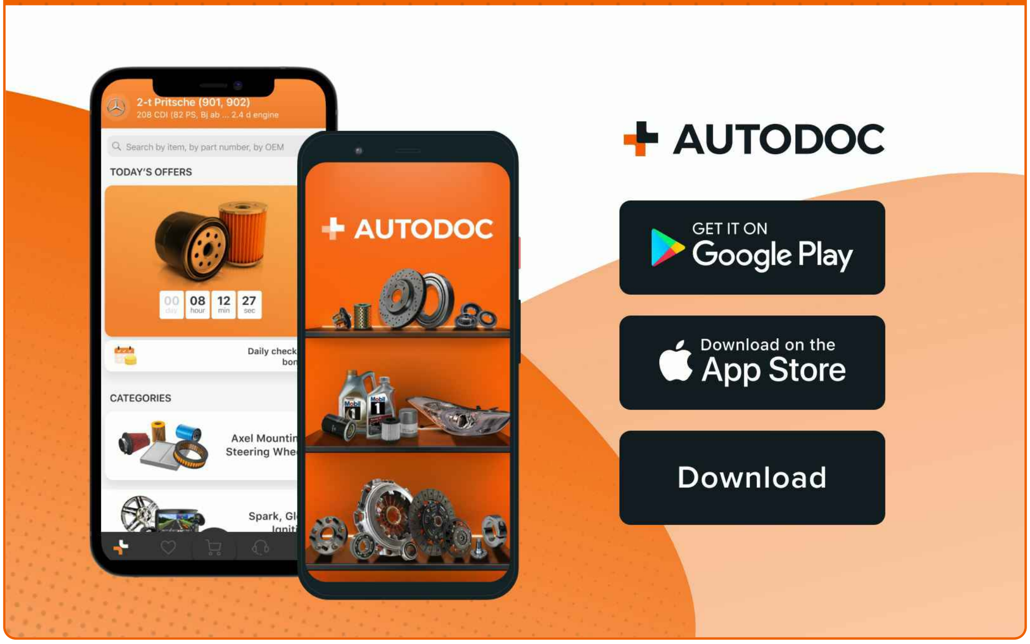
23 Close the hood.

WELL DONE!

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SPARK PLUGS: A WIDE SELECTION

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